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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

12/20/2004

Stevens, Davis, Miller & Mosher, L.L.P. Suite 850 1615 L Street, N.W. Washington, DC 20036 EXAMINER

LIN, ING HOUR

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 12/20/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/624,497	07/23/2003	Ranjan Ray	APV31642	7861

TITLE OF INVENTION: CASTINGS OF METALLIC ALLOYS WITH IMPROVED SURFACE QUALITY, STRUCTURAL INTEGRITY AND MECHANICAL PROPERTIES FABRICATED IN REFRACTORY METALS AND REFRACTORY METAL CARBIDES COATED GRAPHITE MOLDS UNDER VACUUM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	YES	\$700	\$300	\$1000	03/21/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where

indicated unless corrected to maintenance fee notification	below or directed otherwise	in Block 1, by (a)	specifying	a new cor	respondence address	; and/or (b) indicating a sepa	rate "FEE ADDRESS" for
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10/624,497	07/23/2003		Ranja	ın Ray		APV31642	7861
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3. ASSIGNEE NAME AND					* * *		
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The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issublication Fee (if required) yords of the United States Pat	ue Fee and Publicati will not be accepted ent and Trademark (on Fee (if an from anyone Office.	ny) or to re e other tha	-apply any previously the applicant; a reg	ly paid issue fee to the applica istered attorney or agent; or th	tion identified above. te assignee or other party in
Authorized Signature				_	Date		
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This collection of informatic an application. Confidentials submitting the completed at this form and/or suggestions Box 1450, Alexandria, Virg Alexandria, Virginia 22313-	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C oplication form to the USPT is for reducing this burden, slinia 22313-1450. DO NOT 1450.	11. The information 122 and 37 CFR 1 O. Time will vary of hould be sent to the SEND FEES OR CO	is required .14. This col depending up Chief Inform OMPLETED	to obtain of llection is pon the inc nation Off D FORMS	or retain a benefit by estimated to take 12 lividual case. Any co icer, U.S. Patent and TO THIS ADDRES:	the public which is to file (and minutes to complete, includin momments on the amount of tir Trademark Office, U.S. Deps S. SEND TO: Commissioner to displays a valid DMB control	by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,



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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.